

CITY OF BURBANK

CONDUIT MECHANIC

DEFINITION

Under supervision, to assist in the inspection of electrical underground utility construction progress by contractors; to do skilled electrical work in the construction, maintenance and repair of an underground electrical transmission and distribution system; and to do related work as required.

ESSENTIAL FUNCTIONS

Assists in inspecting construction of underground electrical utilities, underground vaults and allied structures to assure work meets contract specifications, permit limitations or work orders; assists in the inspection of all phases of construction including grading, trenching, compaction, backfilling, mixing of concrete or asphalt aggregates, placement of forms, pouring and finishing of concrete or asphalt, and placement of reinforcing steel; assists in the inspection of materials for conformance with specifications; assists in determining whether construction is in conformance with State and local regulations; reports to supervisor work not in accordance with specifications; makes written reports of inspections and volume of work completed; coordinates with building code inspectors; makes reports of physical conditions of City property; installs and maintains transmission, distribution, and street lighting underground systems; installs and connects transformers, oil switches, capacitor banks, lightning arrestors, fuses and street lights; installs underground duct lines, cables and associated equipment; makes up splices; connects underground electrical equipment; installs, services, and repairs cable, conduit, terminals and related underground electrical equipment; operates trucks and power equipment; makes emergency repairs on underground lines; drives on City business.

MINIMUM QUALIFICATIONS

Employment Standards

- Knowledge of - the methods, materials and equipment used in the lineman/splicer trade; the California Public Utilities Commission General Orders 95 and 128 regulations concerning the construction and maintenance of overhead and underground distribution systems; fundamental safety regulations, first aid and the method of applying resuscitation; construction methods, procedures, and materials.
- Ability to - use and care for tools and equipment of the trade; follow oral and written directions; think and act effectively in emergencies; work underground; interpret blueprints and specifications; secure the cooperation of others; establish and maintain effective working relationships with supervisors, fellow employees, and the public.

Education/Training: Candidates must have had three years recent electrical experience including one year's experience in the inspection of electric underground systems.

Special Conditions & Requirements: Employees in this classification will be required to comply with the American National Standards Institute's requirements on Practices for Respiratory Protection. **COLOR VISION:** Keen color perception.

License & Certificates: A valid California Class "C" driver's license or equivalent at time of appointment and must obtain a valid California Class "A" driver's license or equivalent prior to the completion of the probationary period.

SUPPLEMENTAL INFORMATION

None.